



ENERGY 2005

ARMY ENERGY POLICY AND PROGRAMS

Where is the Money?

Slide 1

WXPS3

Don Juhasz, PE,CEM, 3/16/2005



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FIVE GOALS OF ENERGY STRATEGY 25 YEAR PLAN

*Eliminate energy waste in existing facilities;
Increase energy efficiency in new construction/renovations;
Reduce dependence on fossil fuels;
Conserve water resources; and
Improve energy security.*

Slide 3

WXPS2

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The Army's new "Stealth" Aircraft





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ENERGY PROGRAMS

- ECIP-Energy Conservation Investment Program
- ESPC-Energy Savings Performance Contract
- UESC-Utility Energy Services Contract
- EUL-Enhanced Use Leasing
- Energy Awards
- Utility Rate Intervention Program



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ECIP (ENERGY CONSERVATION INVESTMENT PROGRAM)

- Approximately \$20M/yr available
- Selection of projects based on SIR (Savings to Investment Ratio)
- Renewable projects given special consideration
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ESPC - ENERGY SAVINGS PERFORMANCE CONTRACT

- Used when no other funding option available
- Guaranteed savings a must requirement
- Measure and Verification current major concern
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UESC – UTILITY ENERGY SERVICES CONTRACT

- Used when Utility company is willing to put up the cost of improvements
- Utility recovers cost through increased utilities rates
- 10 year Authority (Payback in 10 years)
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EUL – Enhance Use Leasing

- Lease of non-excess government property
- Payment-in-kind services
- 50 years lease
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AWARDS

- Currently complicated application process
- AEWRS (RADDs) must be up to date to be selected
- Installation must show an energy reduction
- Process under revision to reduce nomination requirements
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Utility Rate Intervention Program

- Insures that utility rates for installations and federal executive agencies are fair and reasonable
- CEHNC - Provides technical support for litigation process to include expert witnesses
- Installation notified of proposed utility increase
- Installation notifies IMA Region and CEHNC/Army Reg Law of proposed increase

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TITLE 10 Subtitle A PART IV CHAPTER 169 SUBCHAPTER III

§ 2865. Energy savings at military installations

(a) Energy Performance Goal and Plan.—

- (1) The Secretary of Defense shall designate an energy performance goal for the Department of Defense for the years 1991 through 2000.
- (2) To achieve the goal designated under paragraph (1), the Secretary shall develop a comprehensive plan to identify and accomplish energy conservation measures to achieve maximum cost-effective energy savings.

(b) Use of Energy Cost Savings.—

- (1) An amount of the funds appropriated to the Department of Defense for a fiscal year that is equal to the amount of energy cost savings realized by the Department, including financial benefits resulting from shared energy savings contracts, shall remain available for obligation under paragraph (2) until expended, without additional authorization or appropriation.
- (2) The Secretary of Defense shall provide that the amount that remains available for obligation under paragraph (1) and section 2866 (a)(3) of this title, and the funds made available under section 2867 (b)(2) of this title, shall be used as follows:
 - (A) **One-half of the amount shall be used for the implementation of additional energy conservation measures and for water conservation activities at such buildings, facilities, or installations** of the Department of Defense as may be designated (in accordance with regulations prescribed by the Secretary of Defense) by the head of the department, agency, or instrumentality that realized the savings referred to in paragraph (1) or in section 2866 (a)(3) of this title.
 - (B) **One-half of the amount shall be used at the installation at which the savings were realized**, as determined by the commanding officer of such installation consistent with applicable law and regulations



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QUESTIONS?

<http://hqda-energypolicy.pnl.gov/programs/plan.asp>

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